R E P O R T R E S U M E S

ED 012 745 VT 000 047

A SURVEY OF DEPARTMENTS OF VOCATIONAL AGRICULTURE HAVING F.F.A. CHAPTERS IN DELAWARE TO ASCERTAIN THE EXTENT VOCATIONAL AGRICULTURE HIGH SCHOOL GRADUATES CAN MEET THE ENTRANCE REQUIREMENTS OF THE SCHOOL OF AGRICULTURE AT THE UNIVERSITY OF DELAWARE.

BY- BARWICK, RALPH P.
DELAWARE UNIV., NEWARK, SCH. OF AGRICULTURE

REPORT NUMBER DU-AGR-EDUC-PUB-1 PUB DATE OCT 63
EDRS PRICE MF-$0.25 HC-$0.32 8P.

DESCRIPTORS- *VOCATIONAL AGRICULTURE, *HIGH SCHOOL STUDENTS, GRADE 12, *COLLEGE ADMISSION, *ADMISSION CRITERIA, *COLLEGE PREPARATION, DELAWARE, NEWARK, FUTURE FARMERS OF AMERICA

IN THE SPRING OF 1963, SURVEY FORMS WERE SENT TO VOCATIONAL AGRICULTURE TEACHERS AND PRINCIPALS IN 15 HIGH SCHOOLS, AND ALL RESPONDED. IN 13 SCHOOLS, IT WAS POSSIBLE FOR VOCATIONAL AGRICULTURE STUDENTS TO SCHEDULE THE ACADEMIC COURSES REQUIRED FOR ADMISSION TO THE B.S. DEGREE CURRICULUM OF THE SCHOOL OF AGRICULTURE AT THE UNIVERSITY OF DELAWARE. OF THE 92 HIGH SCHOOL SENIORS ENROLLED IN VOCATIONAL AGRICULTURE, 22 HAD APPLIED FOR ADMISSION TO COLLEGE, AND 15 HAD APPLIED FOR ADMISSION TO EITHER THE B.S. OR ASSOCIATE DEGREE CURRICULUM IN THE SCHOOL OF AGRICULTURE AT THE UNIVERSITY OF DELAWARE. IT WAS RECOMMENDED THAT THE VOCATIONAL AGRICULTURE STUDENT WHO IS ACADEMICALLY CAPABLE SHOULD COMPLETE THE ACADEMIC COURSES REQUIRED FOR ADMISSION TO MOST COLLEGES. (PS)

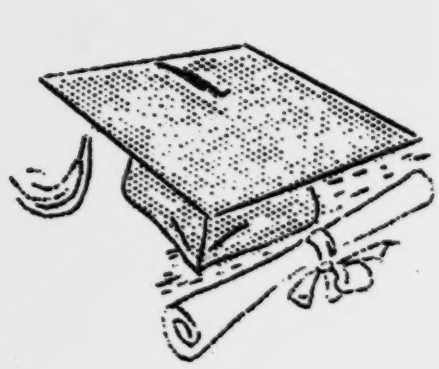
U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
OFFICE OF EDUCATION

ED012745

THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT OFFICIAL OFFICE OF EDUCATION POSITION OR POLICY.

A SURVEY OF DEPARTMENTS OF VOCATIONAL AGRICULTURE HAVING F. F. A. CHAPTERS IN DELAWARE TO ASCERTAIN THE EXTENT VOCATIONAL AGRICULTURE HIGH SCHOOL GRADUATES CAN MEET THE ENTRANCE REQUIREMENTS OF THE SCHOOL OF AGRICULTURE AT THE UNIVERSITY OF DELAWARE

(Study made in Spring of 1963)



Ralph P. Barwick
Assistant Professor of Agricultural Education
and
Head Teacher Trainer
Agricultural Education
School of Agriculture
University of Delaware
Newark, Delaware

VT 000 247

Ag. Ed. Publication No. 1

A Survey of Departments of Vocational Agriculture Having F. F. A. Chapters in Delaware to Ascertain the Extent Vocational Agriculture High School Graduates Can Meet the Entrance Requirements of the School of Agriculture at the University of Delaware

(Study made in Spring of 1963)

Ralph P. Barwick

The primary objective of vocational education in agriculture has been recognized as preparation for a career in farming or for off-farm agricultural occupations in which a broad knowledge of production agriculture and rural life is essential. Each year the entry into such careers upon high school graduation is becoming more difficult. More and more will the young man need to supplement his high school training with additional education. With this in mind, it is good insurance for capable young men to have completed at the time of high school graduation the courses required for entrance into an institution of higher learning.

It is logical that many of the young men who have completed the vocational agriculture course in high school should want to enroll in the agriculture curriculum in college since they are interested in agriculture, have participated in agricultural experience programs, and appreciate the science of agriculture. Also, it should logically follow that these vocational agriculture graduates of Delaware high schools would choose the University of Delaware for their training.

Current admission requirements for the Bachelor of Science degree in the School of Agriculture at the University of Delaware are as follows:

4 units (years) of English
1 unit (year) of Algebra
1 unit (year) of Plane Geometry
1 unit (year) of History
1 unit (year) of Laboratory Science
7 units of Approved Electives
15 units

The above requirements do not apply to the Associate in Applied Science degree (agriculture). The entrance requirements for this degree are:

4 units (years) of English
High School Graduate

Purpose of the Study

In order to determine the extent graduates of the 15 departments of vocational agriculture with F. F. A. Chapters in the state were meeting course entrance requirements for the B. S. degree in the School of Agriculture at the University of Delaware, a survey was made in the spring of 1963. Specifically, the survey attempted to secure the following information:

1. Per cent of schools in which vocational agriculture students could schedule the necessary academic courses required for admission to the B. S. degree curriculum of the School of Agriculture at the University of Delaware without difficulty or without making "special arrangements."

2. Per cent of schools in which vocational agriculture students could schedule the necessary academic courses required for admission to the B. S. degree curriculum of the School of Agriculture at the University of Delaware with some difficulty or without making "special arrangements."

3. Per cent of schools not permitting the scheduling of necessary academic subjects by vocational agriculture students for admission to the B. S. degree curriculum of the School of Agriculture at the University of Delaware.

4. Number of senior boys enrolled in vocational agriculture.

5. Per cent of senior boys enrolled in vocational agriculture meeting entrance requirements for the B. S. degree in the School of Agriculture at the University of Delaware at the time of graduation.

6. Per cent of senior boys enrolled in vocational agriculture who rank in the upper one-half of their high school graduating class.

7. Per cent of senior boys in vocational agriculture who have applied for admission to the B. S. curriculum in agriculture at the University of Delaware.

8. Per cent of senior boys in vocational agriculture who have applied for admission to the Associate degree curriculum in agriculture at the University of Delaware.

9. Per cent of senior boys in vocational agriculture who have applied for admission to an agricultural curriculum at a college or university other than the University of Delaware.

10. Per cent of senior boys in vocational agriculture who have applied for admission to a curriculum other than agriculture at the University of Delaware.

Procedure

A survey form was distributed to the teachers of vocational agriculture and the high school principals in each of the 15 high schools late in the spring of 1963. One hundred per cent return of the survey forms was obtained.

Report of the Study

The situation in Delaware regarding the degree to which high school graduates of vocational agriculture could meet the entrance requirements of the B. S. degree curriculum of the School of Agriculture at the University of Delaware is reported in Table I.

Table I

The Extent to Which 15 Delaware High Schools Provide Opportunity for Vocational Agriculture Students to Schedule the Necessary Academic Courses to Meet Entrance Requirements of the B. S. Degree Curriculum of the School of Agriculture at the University of Delaware

Extent to Which Needed Academic Courses Could be Scheduled Along with Vo-Ag	Number of Departments	Per Cent
Possible - no problem	11	74
Possible - with "special arrangements" or some difficulty	2	13
Not Possible	2	13
	15	100

Seventy-four per cent of the high schools in Delaware that have vocational agriculture in their curriculum and sponsor a chapter of the F. F. A. permit vocational agriculture students to schedule the necessary academic courses needed for admission to the B. S. degree curriculum of the School of Agriculture at the University of Delaware. Thirteen per cent of the schools in which agriculture was offered could provide vocational agriculture students an opportunity to schedule the needed academic courses with some special arrangements. Another 13 per cent reported that vocational agriculture students, for various reasons, could not enroll in the necessary academic courses.

High School Seniors Enrolled in Vocational Agriculture Who Were Interested in College

There were 92 high school seniors enrolled in vocational agriculture in Delaware during the 1962-63 school year. Thirty-six, or 30 per cent, were completing or had completed the academic courses required for entrance to the B. S. degree curriculum in the School of Agriculture. Of the 92 seniors, 28, or 30 per cent, ranked in the upper one-half of their high school graduating classes.

The survey showed that 22 seniors enrolled in vocational agriculture had applied for admission to institutions of higher learning. It is not known how many seniors were accepted and are now enrolled in college, however, approximately 24 per cent of the 92 seniors had applied for college admission. Nationwide approximately 30 per cent of all high school graduates obtain some college training.

Of this group of 22 seniors that had applied for admission to institutions of higher learning, 8, or 36 per cent, had applied for admission to the B. S. degree curriculum in agriculture at the University of Delaware. Seven, or approximately 32 per cent, had applied for admission to the Associate in Applied Science (agriculture) degree at the University of Delaware. This shows that of the 22 seniors planning to further their education at the collegiate level, 15, or 68 per cent, had made application to the School of Agriculture at the University of Delaware.

Of the remaining seven, four, or 18 per cent, had applied for admission to an agricultural curriculum at a college or university other than the University of Delaware and three, or 14 per cent, had applied for admission to a curriculum other than agriculture at a college or university other than the University of Delaware. None had applied for admission to a curriculum other than agriculture at the University of Delaware.

Summary and Conclusions

It was possible for vocational agriculture students to schedule the academic courses required for admission to the B. S. curriculum of the School of Agriculture at the University of Delaware in 87 per cent of the schools.

Approximately 24 per cent of the high school seniors enrolled in vocational agriculture had applied for admission to college and 68 per cent of these had applied to either the B. S. or Associate degree curriculum in the School of Agriculture at the University of Delaware.

It is recommended that the vocational agriculture student who is academically capable complete the academic courses required for admission to most colleges. While in high school a young man's goal may be strongly pointed toward an agricultural occupation in which he believes a college education is not necessary, but as he progresses through school this goal might change. He may see college attendance as necessary additional training to reach this new goal. Teachers and guidance personnel should be particularly alert concerning such students and should counsel with them as intelligently as possible.

The author is indebted to Dr. David R. McClay, Head, Department of Agricultural Education, The Pennsylvania State University, for many of the ideas and the format used in this study.

10/7/63